



# **COMMONWEALTH of VIRGINIA**

## **Department of Health DIVISION OF SHELLFISH SANITATION**

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### **SEASIDE: EASTVILLE STATION TO NASSAWADOX Growing Area # 95 Northampton County Shoreline Sanitary Survey**

**Date:** 29 January 2004  
**Survey Period:** February 18, 2003 – October 3, 2003  
**Total Number of Properties Surveyed:** 305  
**Surveyed By:** J.W. Hume

#### **SECTION A: GENERAL**

This survey area extends from Reference Point 94 at the triangulation marker Scott 2 off the end of Route 631 (extended) to Reference Point 95 at the most prominent point below the Machipongo River mouth south off the end of Route 608, including the seaside shoreline between these points and offshore islands, Great Machipongo Inlet, the north side of Rowles Hole Channel, Outlet Bay (Gull Marsh Channel, The Deeps, Powells Channel, The Outlet, and Sunday Ditch), The Ramshorn (Point Creek, Great Gut, and Eel Gut), Castle Ridge Creek (Mill Creek, Eastern Lead, and Fowling Point Gut), Red bank Creek (Bog Gut and Phillips Creek), Hog island Bay (Big Sharpleys Creek, Long Prong, Short Prong, Middle Channel, Heather Upper Landing Creek, Hodges Narrows, North Inlet, and the south side of North Channel and Great Machipongo Channel along the Accomack-Northampton county line), the south side of Quinby Inlet, and all of their tributaries. The survey boundary was revised in 1995 and all properties between route 600 and U.S. Route 13 were eliminated, except for properties on the west side of Route 600.

The economy of the area is dependent mainly upon agriculture. The population is relatively sparse throughout the survey, except for concentrations in the Nassawadox area. Topographic relief ranges to elevations of 25' to 30' along the western boundary of the survey.

Meteorological data indicated a total of 34.53" of rain fell for the survey period from February 18 through October 3, 2003. Monthly breakdown is as follows:

|                  |       |      |       |             |       |
|------------------|-------|------|-------|-------------|-------|
| Feb. 18-28, 2003 | 1.62" | May  | 4.46" | August      | 5.62" |
| March            | 4.66" | June | 2.90" | September   | 8.82" |
| April            | 5.10" | July | 5.34" | October 1-3 | 0.0"  |

The Condemned Shellfish Area #192, Red Bank Creek, was rescinded August 22, 2002. There are currently no restrictions on shellfish harvesting. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/environmentalhealth/shellfish/>. Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review.

All properties in the survey area are served by individual on-site sewage disposal systems.

Information in this report is gathered by and primarily for use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data are made available to various agencies participating in shellfish program coordinated activities or other interested parties. The Engineering Appendix is available by request from the Richmond Office of the Division of Shellfish Sanitation.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Sections B.2. and B.3. and the Department of Environmental Quality for possible action at properties listed on the summary page in Sections B.1., C.1. and C.2. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. "Direct" indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent resurvey of the area.

## **SECTION B: SEWAGE POLLUTION SOURCES**

### **SEWAGE TREATMENT FACILITIES**

-None-

### **ON-SITE SEWAGE DEFICIENCIES**

3. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), Location: 15398 Seaside Road, Eastville. Dwelling - tan vinyl 1-story with white trim and green shutters. No contact. Kitchen and laundry wastes ponding on ground surface in front yard. Sanitary Notice issued 2-18-2003 to field #H36.
5. NO FACILITIES – Location: PO Box 632, Eastville 23347. Dwelling - natural frame 2-story. No contact. Sanitary Notice issued 02-21-03 to field #H49.
11. CONTRIBUTES POLLUTION (Kitchen and Laundry Wastes) – Location: 11213 Seaside Road, Birdsnest 23307. Dwelling - white frame 2-story with green trim. 3 persons. Owner stated that laundry waste water was discharged to ditch behind house. Area was too overgrown for observation. Sanitary Notice issued 05-21-03 to field #H144.

### **POTENTIAL POLLUTION**

2. Location: 16651 Seaside Road, Eastville 23347. Dwelling - white frame 2-story with green shutters. No contact. Observed a 2" wrapped black pipe of undetermined origin with no apparent discharge coming from side of house to yard.
15. Location: 1125 Red Bank Road, Marionville 23408. Dwelling - white frame and asbestos 2-story. 3 persons. Owner states that toilets flush slowly during wet weather.
16. Location: 11115 Red Bank Road, Marionville 23408. Dwelling - white asbestos 2-story. 2 persons. Owner stated that toilets back up during wet weather.

## **SECTION C: NONSEWAGE WASTE SITES**

### **INDUSTRIAL WASTES**

-None-

### **SOLID WASTE DUMPSITES**

15. Owner: Virginia Dept of Game and Inland Fisheries, 4010 west Broad Street, Richmond 23230. Occupant: Northampton County, Eastville 23347. Public - trash dumpsters. No contact. At time of survey dumpsters were well maintained.

## **SECTION D: BOATING ACTIVITY**

### **MARINAS**

-None-

### **OTHER PLACES WHERE BOATS ARE MOORED**

6. Boxtree Dock, Machipongo 23405. Owner: The Nature Conservancy, 11332 Brownsville Road, Nassawadox 23413. Private dock and ramp. No contact. 8 moorings. Present at time of survey was 1 work boat under 26'. The only boating service provided is an in-out ramp. There are sanitary facilities provided at this location. Has an exemption for boat holding tank pump-out facilities.
8. Webb Family Docks, Machipongo 23405. Private dock. No contact. There were no boats present at time of survey. Dock dilapidated and water basin filling in. No boating services are provided at this location. There are no sanitary facilities or boat holding tank pump-out provided.

### **UNDER SURVEILLANCE**

14. Public Boat Landing Red Bank Creek. Owner: Dept. of Game and Inland Fisheries, 4010 West Broad Street, 23230. Public boat ramp and dock. No contact. 10 moorings. There were no boats present at time of survey. The only boating service provided is an in-out ramp. There are no sanitary facilities, no dump station, or boat holding tank pump-out facilities at this location.

## **SECTION E: CONTRIBUTES ANIMAL POLLUTION**

1. Location: 7371 Indiantown Road, Eastville 23347. Dwelling - yellow vinyl 1-story with white trim and burgundy shutters. No contact. Present at time of survey were 40 assorted fowl and 2 goats located approximately 200' from Indiantown Creek at 8' elevation.
4. Location: 15247 Seaside Road, Eastville 23347. Dwelling - brick 2-story with black shutters. No contact. Present at time of survey were 3 horses, 25 goats, and 50 assorted fowl.
7. Location: 9089 Seaside Road, Machipongo 23405. Dwelling - white asbestos and brick 2-story. No contact. Present at time of survey were approximately 50 assorted chickens in a wire enclosure in the front yard.

9. Location: 9437 Webb Island Road, Machipongo 23405. Dwelling - white aluminum siding 2-story with blue-green shutters. No contact. Present at time if survey were 50 chickens in a pen.
10. Location: 12200 Seaside Road, Birdsnest 23307. Dwelling - tan vinyl siding 1-story with brown shutters. 5 persons. Present at time of survey were 10 hogs and 20 chickens in enclosed pens.
12. Location: 10254 Lawn Locust Drive, Birdsnest 23307. Dwelling - yellow vinyl siding 1-story with white trim and green shutters. No contact. Present at time of survey were approximately 25 dogs contained in a kennel.
13. ***DIRECT*** - Location: 9442 Red bank Ct., Marionville 23408. Dwelling - white vinyl siding 2-story with brown trim. No contact. Present at time of were 2 horses in a fenced pasture and approximately 30 assorted fowl with direct access to Red Bank Creek.
17. Location: 9157 Seaside Road, Marionville 23408. Dwelling - white vinyl siding 2-story. No contact. Present at time of survey were 3 cows and 2 horses located 200' from a ditch that drains to Red Bank Creek.

## SUMMARY

Area # 095  
Eastville Station to Nassawadox  
29 January 2004

### SECTION B: SEWAGE POLLUTION SOURCES

#### 1. SEWAGE TREATMENT FACILITIES

0 – DIRECT – None  
0 – INDIRECT – None  
0 – B.1. TOTAL

#### 2. ON-SITE SEWAGE DEFICIENCIES – Correction of deficiencies in this section is the responsibility of the local health department.

0 – CONTRIBUTES POLLUTION, DIRECT – None  
0 – CONTRIBUTES POLLUTION, INDIRECT – None  
0 – CP (Kitchen or Laundry Wastes), DIRECT – None  
2 – CP (Kitchen or Laundry Wastes), INDIRECT – # 3, 11  
0 – NO FACILITIES, DIRECT – None  
1 – NO FACILITIES, INDIRECT – # 5  
3 – D.2. TOTAL

#### 3. POTENTIAL POLLUTION – Periodic surveillance of these properties will be maintained to determine any status change.

3 – POTENTIAL POLLUTION – # 2, 15, 16

### SECTION C: NON-SEWAGE WASTE SITES

#### 1. INDUSTRIAL WASTE SITES

0 – DIRECT – None  
0 – INDIRECT – None  
0 – C.1. TOTAL

#### 2. SOLID WASTE DUMPSITES

0 – DIRECT – None  
1 – INDIRECT – # 14  
1 – C.2. TOTAL

### SECTION D: BOATING ACTIVITY

0 – MARINAS – None  
2 – OTHER PLACES WHERE BOATS ARE MOORED – # 6, 8  
1 – UNDER SURVEILLANCE – # 14  
3 – D. TOTAL

### SECTION E: CONTRIBUTES ANIMAL POLLUTION

1 – DIRECT – # 13  
7 – INDIRECT – # 1, 4, 7, 9, 10, 12, 17  
8 – E. TOTAL



Virginia Department of Health  
Division of Shellfish Sanitation

Seaside:  
Eastville Station to Nassawadox  
# 095  
Shoreline Sanitary Survey

Northampton County

Date: 29 January 2004  
Survey By: J.W. Hume  
Number of Properties Surveyed: 305



0 2,000 4,000 8,000  
Feet

Legend

Seawater Sampling Stations

- Active
- Inactive
- Sewered areas
- DGIF Boat Ramps

Shoreline Survey Deficiencies

- Sewage Treatment Facility - Direct
- Sewage Treatment Facility - Indirect
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution (Kitchen or Laundry wastes) - Direct
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect
- No Facilities - Direct
- No Facilities - Indirect
- Potential Pollution
- Industrial Wastes, Direct
- Industrial Wastes, Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Boating Activity
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect

Insert 1

0 0.5 1 2  
Miles

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Geographic coordinates in NAD83 datum;  
shown in degrees, minutes & seconds.